

TRACTION DEVICE FOR HEAT-SENSITIVE INK RIBBON

A B S T R A C T

5 Comprises an origin cylinder (1) of heat-sensitive
ink ribbon (2), a rewinding cylinder (5), traction means
and at least one marking header. It prevents an unused
segment of ribbon being left between markings. It is
characterised by a moving support (6) in which is guided
10 the ribbon (2) such that the ribbon follows an additional
path (16). It comprises braking means (10, 11, 12, 14) for
the origin cylinder (1) such that when the ribbon (2) is
tractioned and as the origin cylinder is braked, the
support (6) is forced to move against the action of an
15 elastic element (13), reducing the additional path (16)
such that after a marking (a-b) the ribbon moves back, and
with it the support (6), due to the action of the elastic
element (13) so that the next marking (b-d) is made
immediately after the first.

20 The braking means are operated by the support (6)
such that after one or more markings they are released,
unrolling a length of ribbon (2) from the origin cylinder,
then braking again, with the process repeated.

25 The invention is applicable to marking with heat-
sensitive headers.